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 <213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

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<210> 3100

<211> 1481

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

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<212> DNA  
<213> Aspergillus nidulans

<400> 3103

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<212> DNA  
 <213> Aspergillus nidulans

<400> 3104

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 <213> Aspergillus nidulans

<400> 3105

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3106

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<210> 3107  
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<212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
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<400> 3108

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<212> DNA  
<213> Aspergillus nidulans

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<212> DNA  
<213> *Aspergillus nidulans*  
<400> 3110

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 <213> *Aspergillus nidulans*

<400> 3112

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 <213> *Aspergillus nidulans*  
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 <213> *Aspergillus nidulans*  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 3116

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 <212> DNA  
 <213> *Aspergillus nidulans*  
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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3118

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<213> *Aspergillus nidulans*

<223> unsure at all n locations  
<400> 3119

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3121

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<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 3143

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<400> 3145

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 <213> *Aspergillus nidulans*  
 <400> 3158

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<212> DNA  
<213> Aspergillus nidulans

<400> 3159

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<210> 3160  
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 <213> *Aspergillus nidulans*  
 <400> 3160

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<210> 3161  
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 <213> *Aspergillus nidulans*

<400> 3161

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<210> 3162  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 3162

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 aatgcaaaga tgcagactaa agactatatg tatcggggta taagtaagga gaccaagtgc 180  
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 gatgccgaga tcttcataca tatatgtggt gaagagcggg aaaacgaccc gaagatcgaa 660  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 3163

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3164

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 <212> DNA  
 <213> *Aspergillus nidulans*

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<211> 1279  
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<213> *Aspergillus nidulans*

<400> 3166

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<210> 3167  
 <211> 1009  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3167

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<211> 1424

<212> DNA

<213> Aspergillus nidulans

<400> 3173

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<400> 3174

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3175

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<212> DNA  
<213> Aspergillus nidulans

<400> 3176

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<212> DNA  
<213> Aspergillus nidulans

<223> unsure at all n locations  
<400> 3177

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 <213> *Aspergillus nidulans*  
 <400> 3178

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 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 3179

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<210> 3180  
<211> 1098  
<212> DNA  
<213> Aspergillus nidulans  
<223> unsure at all n locations  
<400> 3180

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actggctcag cagaatggtg ggacgaatat accctgtcga ttccaacaaa ctcttggttc 180  
cgcgaagctc aatggattga acatgatctt cctggccttg ggtagacga ctatggtggt 240  
tacgggctgc cggagaacca ctgcgcctcg cttgcgcact atgcggtctc aaacaggggg 300  
acgttctcaa cggaaggcca cttaccgatg ggtctcttga agcgccgca taatggcgac 360  
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gatagcgtat atttggtgc tgggtggccg gtcgagacgg atcatgactg gagactgatc 480  
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<210> 3181  
 <211> 1395  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3181

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 tagttatgcc tcagagcgca ggggctgaga ataacatact tggtagggtc gtgtaaggct 180  
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 ggagacgagg gtcgactgat gtggtggtag agttcgaagc gtgagtggc gttgaattcg 600  
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gctaacaaga gcaggcacgc aatagggaaa agagcagtaa accgcatgat taataaagcc 960  
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<210> 3182  
<211> 1099  
<212> DNA  
<213> *Aspergillus nidulans*

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agagctggag ccatgaggac cagctcaagc aattgagcac tagagcagaa accaggcaaa 180  
ttgtgtcgac ttacttcgca ggcttggaca ggaatcgag taggtcctct gagttcatgg 240  
aaggcagaac cgattcgggc ttaaaagagc acgatggagc gagacgccac agttgtgaac 300  
atctgctaga ttgctccaga caagagaaat aagagcagtg gtcagaatct caagtcagat 360  
cgaaagacga gagacgctgg agagcattga gggaaaaaga aaagcaggca aacgtggggg 420  
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aagagaatcc gccggagtaa gtcgggatac atagaacagt atagctacag ggaaggagat 660  
ccagctagac ttaggggata aagtgtcggg ctgggtctgga gtttatatgc cgatttgggt 720  
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 <211> 1362  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 3183

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 agcacagaaa atcacaacga tggctctctcc actggtgcca aagccggtat cggcgtcggc 180  
 gttacgcagg cgcgataatc cttgccgccc ttgccttctt cctctggcga cgcacaaaag 240  
 ccttaccaag caccaatgct gttgggcccc aaggcccaat ggaggatata gccagggttca 300  
 ccagggatac tttgctgac caccaatggt caaggctgcc cctgtacctg catctgggtg 360  
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 ctcagctcta agtctactta tcgacatccg ccaatcggct agatatcaag aacaagaatc 1260  
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 ccagctgaca accacttaca ttactgatca acatcacttc cc 1362

<210> 3184  
 <211> 479  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3184  
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 caacggcagc agccggacga ccggcagcag ggacgcaatt cttgatcgta gtcgcctgcc 180  
 agggctcgga aatagtacag ttaccggcta taaagcaggg ctccaatggg ttcgactatg 240  
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 gcgttagaag attgaagata tctctttgat ctatgacca cggcgatgca tccctggcac 420  
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<210> 3185  
 <211> 577  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3185  
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 tgatgaattc aaccaacgcg gcccttccat ccccttcag cggcgctca atatgcatcg 180  
 ccccttgac gttcactcga acaatgtcca gtccaaaatc tcttctcta tgttcaagct 240

ggtccgccac ccagggcggg atcacctcat cattttcggc ggagaggagg aggatgggtg 300  
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 ggtaggctt tttgtgctga gcgagttgtt cgagattgag tgcgacattt cagtgtttcc 420  
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<210> 3186  
 <211> 471  
 <212> DNA  
 <213> *Aspergillus nidulans*

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 cctaaaatga tctaattgtac cgactctgtt gtcatgggcc atcttggtta ctcatagcac 180  
 acgggtcttt aggatggaaa cttgagatgt gaagcatcct ctgaatgttt acccaacatg 240  
 ctggcactgg aaccgtagga acctagacct cttactgtat acatctttta ggccaagaca 300  
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 atctatactc ttgcaccaca ggctagaaag atcatgcccc actatacaac aacgattggc 420  
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<210> 3187  
 <211> 1997  
 <212> DNA  
 <213> *Aspergillus nidulans*

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gaataagcta ccgcaacgaa agaggttcaa cttgcagggt tcgtcgcgag ataaccacaa 360  
 aatttggaac caagcctaca tcttcagttc cacgtcgata cctgtcgagc gcacacgttt 420  
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<210> 3188  
 <211> 2723  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 3188

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 ccctagagaa attaacaac aagctgggtg aatcaaaat tagaaacggg cctgcctgcg 360  
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<210> 3189

<211> 2756

<212> DNA  
<213> Aspergillus nidulans  
  
<400> 3189

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 <213> *Aspergillus nidulans*  
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<400> 3192

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 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
 <400> 3194

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 <223> unsure at all n locations  
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<400> 3214

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<213> *Aspergillus nidulans*

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<212> DNA  
<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

<400> 3265

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<213> *Aspergillus nidulans*

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 <212> DNA  
 <213> Aspergillus nidulans

<400> 3267

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 <212> DNA  
 <213> Aspergillus nidulans

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<400> 3270

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<210> 3272  
 <211> 699

<212> DNA  
<213> Aspergillus nidulans

<400> 3272

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tgatttcaaa taatgcaact gtatctatag gtcgctttgt catgagcctc cataatagct 180  
taaagcttca ataagccagc tacagcagag aggcgcgcta atcaatctca ctctaatact 240  
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cctgatctac ggggtaatcc tgcttgacca tggagtcagc gagctaaggt actacagatc 600  
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<210> 3273  
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<212> DNA  
<213> Aspergillus nidulans

<400> 3273

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caggtatctt accgatggcg gctactgcaa caagaccccg gacccccggc cgggccgaag 180  
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gcgaccccta cgctcgaacc gagagcatga cccatcgcg cggttacagc tatgcaagca 600  
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acaagtgagt agagtgtgca tcatggaagc cgacgagacc gtgctaacac tagatacagt 720  
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gtcacaaccc cgccagcgaa aggtacactt ctactac 878

<210> 3274  
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<212> DNA  
<213> Aspergillus nidulans

<400> 3274

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ctgccggtgg gccgattaag atgatcgacc ctgagaaggc atcgaaggag ccgatgcgt 540  
tgattgaggg cttcgagtgg accaccctgg acttgacgaa cgaggaggaa cttcgggagc 600  
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<210> 3275  
<211> 758  
<212> DNA  
<213> Aspergillus nidulans

<223> unsure at all n locations  
<400> 3275

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catcctgttt agagaattta actcttttcc ctccatggaa ctttgggtcta tggcaaaaga 180  
gctcacaggg acctggacct accaaggcct ccctgataga agttacaggg cttgctccca 240  
gcctacctag tgtgctttct acatcacgaa agagagacca tatactaaac cccacaatga 300  
aacgagagag atatgtgaag gcaaaagaga gtatttataa tgcatacttc gtctttgagc 360  
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gcaaataaga tattagaggg gaattgctct aatatatggg taaattatga ggtcaatttc 480  
gggtattagtc ctcgatacaa cacttctcgc aaccatagta ttaagcccca gggccagata 540  
aagtaaacaa ggtcaggaat tgatattaag gcgctgtatt tctgccactc tatgacgaga 600  
ttacatagaa cgcaattgga gtgggaacag agacagcttc acacatgagc attctgaaaa 660  
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gtactataga acccctaatt tttcctgcgt ttgatgca 758

<210> 3276  
<211> 814  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 3276

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gaggttcgcc ggcgcgcgcc atgttgtgcg atagagtatg acagcaagac gagaatccga 240  
gacagaattg agagagaacg acagctcacg ccagcgatgg actaaggcgg atggtgcacg 300  
gttttcatac gaaacggcag gcatgattcc ggctattctt gagacacttt ttcacactag 360  
aagcctgctt tcgcatgaat tcccggcgctc acgtccggcc actcggctgt tgaccaagac 420  
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tggccccgcg gccactagt tttggttgcc ggctgaatcc cgggtaaat taacctgggg 540  
tgggaaaact ccacatggag aaatccagat tcagtgggga gacgaacgtg gccagtagca 600

cgagagcgagt gtataggatt ggggtgagtag gctacagttg cgtacaatat tggtaggtcg 660  
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 cagtgtccgt ggaaagtcca tgggaaagca cggagcatca catgtgccta gccattctgg 780  
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<210> 3277  
 <211> 671  
 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
 <400> 3277

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 aggtgaacga gaacgggatt gagagtgtgc gtcatacatg cngncatnca ggtcgtnct 600  
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 atgtaaaca c 671

<210> 3278  
 <211> 641  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 3278

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gccatcagca tgagcaaagc cataaaagaa tgcttgacga aagttgtcca cagcacattc 480  
gcgtttgata gtactctcca gccaatcttg aaatctcgcg cgatatgcaa cctcgtcaga 540  
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<210> 3279  
<211> 860  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 3279

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ttcagcagtc taatcaacat attaaggtaa gtagttatca actgcctgta agccggttgc 180  
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tatggttata tgtgcttata gggagcaaat ccagctccta gctcaactat cctcatttga 300  
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<210> 3280  
 <211> 1278  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3280

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<210> 3281  
 <211> 723  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 3281

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caatgctccc gaaaatccgg tatctcgaat ccgggcgcat gttgctcaa cagaaagagg 540
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<210> 3282  
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 <212> DNA  
 <213> Aspergillus nidulans

<400> 3282

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 <212> DNA  
 <213> *Aspergillus nidulans*

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<210> 3284  
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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
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<211> 3263  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 3285

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3286

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 <213> *Aspergillus nidulans*

<400> 3287

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 <213> *Aspergillus nidulans*

<400> 3288

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 <213> *Aspergillus nidulans*

<400> 3289

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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 3290

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 <212> DNA  
 <213> Aspergillus nidulans

<400> 3291

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 <211> 4078  
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 <213> Aspergillus nidulans

<223> unsure at all n locations  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3293

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3294

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<400> 3295

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<400> 3296

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3297

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3298

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 <213> *Aspergillus nidulans*

<400> 3299

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3311

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3312

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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 3313

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<212> DNA  
<213> Aspergillus nidulans  
<400> 3314

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 <212> DNA  
 <213> Aspergillus nidulans

<400> 3315

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3316

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<213> Aspergillus nidulans  
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 <213> *Aspergillus nidulans*  
 <400> 3318

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 <212> DNA  
 <213> *Aspergillus nidulans*

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<210> 3320  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3320



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 <213> *Aspergillus nidulans*  
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<213> *Aspergillus nidulans*

<400> 3333

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 <213> Aspergillus nidulans

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<213> Aspergillus nidulans

<223> unsure at all n locations

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<400> 3354

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<400> 3355

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3364

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<400> 3366

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<213> *Aspergillus nidulans*

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<400> 3368

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 <213> *Aspergillus nidulans*

<400> 3371

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<210> 3372

<211> 2947

<212> DNA

<213> *Aspergillus nidulans*

<400> 3372

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 <213> *Aspergillus nidulans*  
 <400> 3373

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<400> 3374

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<212> DNA  
<213> Aspergillus nidulans

<400> 3375

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<212> DNA  
<213> Aspergillus nidulans

<400> 3376

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3377

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 <213> *Aspergillus nidulans*

<400> 3378

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3387

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 <223> unsure at all n locations  
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 <213> Aspergillus nidulans

<400> 3390

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 ggagaattta tcaaagatgg cgtcagcatc accaataggc tccggtccaa tttcgggtata 300  
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 <213> Aspergillus nidulans

<400> 3391

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3392

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 <223> unsure at all n locations  
 <400> 3393

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 <213> Aspergillus nidulans

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1487

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2690

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<211> 568

<212> DNA

<213> *Aspergillus nidulans*

<400> 3421

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<211> 2629

<212> DNA

<213> *Aspergillus nidulans*

<400> 3422

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 <213> *Aspergillus nidulans*

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<213> Aspergillus nidulans  
<223> unsure at all n locations  
<400> 3428

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 <223> unsure at all n locations  
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<400> 3437

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<211> 3079

<212> DNA

<213> Aspergillus nidulans

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 <212> DNA  
 <213> *Aspergillus nidulans*



<400> 3464

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<210> 3465

<211> 2630

<212> DNA

<213> *Aspergillus nidulans*

<400> 3465

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 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 3466

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<213> *Aspergillus nidulans*

<400> 3467

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<211> 354  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 3468

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<210> 3469  
<211> 1272

<212> DNA  
<213> Aspergillus nidulans

<400> 3469

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<211> 540  
<212> DNA  
<213> Aspergillus nidulans

<400> 3470

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<210> 3471

<211> 496

<212> DNA

<213> *Aspergillus nidulans*

<400> 3471

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<212> DNA

<213> *Aspergillus nidulans*

<400> 3472

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3473

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<211> 492  
<212> DNA  
<213> Aspergillus nidulans

<400> 3474

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cgcaggagga aaggcatacg ctctatcccg aggttgggca gattgcatgg cacattttct 180  
ctgatgatct ggacgaccta tgccagcttt tgtcctatta tggaaacctac atcggttggtg 240  
ccctgaatcc tcctcctaga cagacttata ctataggctg atctggcgca gtggattgct 300  
tgaagcacca agttatgctg cttggctcta caccgggtga catcatgctc gggtaggttg 360  
ccactggatc accggatacg tgtcagcaag ccttgaccga gagcactttg tgaatgcccc 420  
gagcgcccat gtgaacacta tcaggactct catccatagc cctaagggca gaaccactct 480  
ttctggctgt ac 492

<210> 3475  
<211> 572  
<212> DNA  
<213> Aspergillus nidulans

<400> 3475

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acaaaccatc tgcacgctca atctctcgag ggtatattaa agagcccaga ccacaaaaga 180  
 cccattcaca gtgctttgta ggatcacggc ttccatataa tatctatctg ctctggtgca 240  
 ctacagttga gagccgacca tttctgtttc accgatcctc aagtgactta gccgtacatg 300  
 tgaaccctgg gcgctctagc acctgcgaaa aggaccacac ctgctatgag ccgtctagaa 360  
 tattggaagg ggcgttacgt gctgcggatg caaggctctt tgcaagcccc gacggacttt 420  
 cttacgaacg tgcccaggct caggttctct aacctgatgg ggaccctcta acaaaattcc 480  
 gcgcagatga atgcattctg gacatggact tgtcctgttg agcgccccac tgggcaactg 540  
 tcatatttaa agtgggcac atttgcaatt cc 572

<210> 3476  
 <211> 231  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3476  
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 ctggaaaacc tgcactgccc ggattgctgc cgggactgac atccctaaac gcagtctatc 120  
 cggtcagcgg aagcaggcct gtgacctgtg tacggagaga aagagggcct gttctacggg 180  
 tttgccgtgc tcggaatgtg cgatgagaaa agccgagtgc acatatcatc g 231

<210> 3477  
 <211> 504  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3477  
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 atacggagta ttttaacaata gtggttgatc ataggatgag tgcaatatat acgatcggaa 180  
 tctagatcct cagagacagg gtacgcttca aggatgaaca cggcatgac cagcttagat 240  
 tgtctagtag cgoggacgat attagcgaga gctcatgtta tttagtccag gaaatagtct 300  
 gttgagagtc ctgtacagtt tgtctgtctg agcatggctt taaagtgggg agatagacca 360  
 aacgaaggca cttatatgtg gatagaaaga tgactttgta cgtatcaagc gtattatgag 420

gcactgtcct acaggctcgt gtcggtggag tctgacccat aaaactgtaa gccgaaggta 480  
 agtgccatgc tttgggaaga gaag 504

<210> 3478  
 <211> 426  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 3478

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 cgccttacta ctgcacggaa acggtgcgct cctatgcac ttagcactct gcgtaccgct 180  
 ggcgatctca tcgtgatatg cctatgctag cgctggctctg ctccccagct tgcaatat 240  
 ggcctcggag ggatacataa catgtggagt cgcactgcc aactgtgcat gatactaccg 300  
 gtatgaggac acatatgctg aggagagaca tagatggcct gcgcatgtgg acggacttcg 360  
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 ggtcga 426

<210> 3479  
 <211> 265  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 3479

gggaaaatca cgctagacta cctttttggt tgaacaaatt ttggtctcaa ccctatctga 60  
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 tcattctagc aagccaatta acgcggataa cagtcgtctc agaccccggg catgttctct 180  
 cccctcttgg gcggcgtaaa aaaaaagcct ttcactgcat atgatcgatc tctccgcgaa 240  
 gtatcccatc cgcagaccgt tctgc 265

<210> 3480  
 <211> 823  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 3480

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 cctgtcccga cccagacctt cttctgccct ggcaagcgtg cgacaataaa ctttctgctt 180  
 acgcaacgta ttgcacaact ttaagatacc acgaatgatg actggctagt cccgatcgca 240  
 ctgacataac tccgtcatta acgaactagt tgagggcgga ctagggatat ggacgataag 300  
 ggttttcgca cgaagacctt catcacgggg gaggaactca ggctccagaa agcgtctccg 360  
 gtatgccgcg gacgatgctg actgcctgct gacaagagtc ctttcgactg ctcaataaag 420  
 tccttattct accccaatgt aatacccgct gccctacctt gtcaccggaa aatcaaacac 480  
 ctctcgtttc ttattgtgac ccccttata atggaggga tttcgtctac tagaatggct 540  
 caacagacaa taattcgccg atgaccttaa ccagaatatt tcatgttcac gtatttttgt 600  
 gtgaaagctt ctcacaggtg gcaattttct tgtagggaaa aatattttaa gagaatggga 660  
 atcaaattcc tcatttgaaa cccctcatca ctccacaaag aacttccata aaactccaac 720  
 tttttcgaa tcaattatta cctctttcc tctgatacta aagataaaag ataacttctc 780  
 cctctaacc tactagtgt taacatatta agctgaacct tta 823

<210> 3481  
 <211> 623  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 3481

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 acgcagctgg ggcggttcga tctcagcctg atatagtgga attacctatg cagccagtca 180  
 gcagctgtca gccagccggc cagcaaacac cacagggccc tgagcccccg ggggcaatac 240  
 atgactaaac attccaatcc ccaaaccacc gatgaatcgt cccgcgaaga aatatgccgg 300  
 cgtctgcgcg ccagcctgca gccccgaacc aagggtgaaa acgacgacgg ccaccatcat 360  
 cgaatactta cgcgagatcc tgtcggccag gtacccgta aagagagcac cagcccaagc 420  
 gccaaagtct agagcagaga ccagccaacc ctggatggtc gagcccatga gacttgggaa 480  
 gtggttctgg aagttctcca tcacaagcac cggggacatg actccctggc cgtatccgta 540

catgatacat ccgagcgagg caaaggcaca ggtcatgaac acgtaggggt tcttgagcat 600  
accgacgaga ccgtgggggt tct 623

<210> 3482  
<211> 800  
<212> DNA  
<213> *Aspergillus nidulans*  
  
<400> 3482

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aattgtcgta agtccatgtt taactttcat cttgccacac ctttccaagg ctcaactgaca 180  
aataacgtat attagcgctg gcggcgcccg taaatccgag ctccgcatgg ctaatatcga 240  
tgataagaac cagaagcttg cggaggagag gaagctcccg gctaagggtg ccaatacggg 300  
accggtctat attgccacag ctgacgcgaa acctaattgat gacttcaccg attatccatc 360  
cgattaggag acctttctcat ggccctgtta aagggatagc tctttgccgc tttttccgtt 420  
gaccttcaat gtagcttccc attttttttg catgcttaca ttgtctgttt cctgctggtt 480  
caactaatag ccttcatttg gtcacctttt tccccctttt cgattactcc tagccgcggg 540  
ctttttacag tgccaatgct cttataatcc gaaattttta aaacctccct attctaagga 600  
ccttgcatgc ttagttcgcc tttcagactc ccatattatg tttcccacca caaactgcga 660  
attattgcca ccgccccttt ttataatgtc cctacatgtc ccaccccggt tgaccaccta 720  
cccggaactc ctaatgttcc ctccaatgcg ccccggtctt ttctctcttt ttttttgccc 780  
tttcggcccc ctcttgaatt 800

<210> 3483  
<211> 552  
<212> DNA  
<213> *Aspergillus nidulans*  
  
<400> 3483

aaaaacggat cgaagccttg tgctctagca caacgccaat cgttcggacc gactacacag 60  
gacagaggag agcacatata taagcatgtg acatacattg acttgtaaag agccaaacac 120  
aattatccat tcattcaacc gctatgcacc accccacatg gtcttccaca tccactgtcc 180

aaatggtggc tattgcatc ctgcacaagt gtagctgcgc cgccaaaaat cctagacgaa 240  
 tcgatgctca actagacaag accgccatgc cggttgtctg ctaccctaata acacgctaaa 300  
 atcacattct ggacagggac ccccgagtc acccgctac cggacccct gacgtccttg 360  
 cgggggatat gggaagttca catgcgcca aggcacgcac cgactgcat attagggaga 420  
 ctggactcgt ttacggctag atcttgacac tcagtgcac atcactgcgc ttgagctgac 480  
 cgatactctg gcacgccggg caagggacta cactataaca tggatggaat aataatccga 540  
 ccgaaaaaat aa 552

<210> 3484  
 <211> 1130  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 3484

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 acactctagg ccttgatggt gctggagcgg ccgaaaatgg catgaacgga ggtgggcgtg 120  
 tctcgccagg taaagatgag cggacttcgt ccaatctgtc tgattcctcc acatcagcca 180  
 agtcagcaaa ttctggagtt tcgcctacca gagataaaca tgcgatcccc cctagacaca 240  
 gcagagaagc tatacgcagc caagacagca cgacatcagc aactgcgtca tacgaaaagc 300  
 gctattcatc cgattcttat tccacagctc agtcagcaat atcacaacaa caagcagagg 360  
 gcgagtatct ccttcgagac tcaggaaatg cagagtcttc ccaagtgccg gggctcctca 420  
 acaagtcgcc cggcccaagt cgaccaagaa catcggagtg gatcggcggc atccgaagag 480  
 tactgtctct gtgcaggaaa cggcctccag ctaatgaaga ttttagtact acttncggg 540  
 ctttcggaat tgatggaaga tcatgctggg ataagcaatt tcacggctgg cacaacattt 600  
 cctcgcaggt cagtgcgc atcttctgaa ttgatcagac cgttgaatgg agccatatat 660  
 ctgtatttta acatcctaata ctttattatt tatctaaca tttcttccct tctatacttt 720  
 ctttaatttta atttttctta tactactatt tattttcatt tattattttt catctttctc 780  
 actattttct ttttcatttt tctatcatat ataatcatct aatatacaat ctatattcta 840  
 aatctctttt ttacttttt atcacttatc acctatcatc tcttattctc acattttttc 900

ttcattatct tactttcaac aatttatatc tttaaatacc tttcttatat cttcaatact 960  
attatatatt atccttactt ttccttacta aattttttac aactcttttc atattctcat 1020  
ttataactaa atattccata ttttttctat tctatctctt ttcatactac tatttatttc 1080  
actcataact atactatcat tatcctcatt ttatttcact catcatatat 1130

<210> 3485  
<211> 400  
<212> DNA  
<213> Aspergillus nidulans

<400> 3485  
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agatccatgc ggcacgggta ccgctcggac gacgaagctg ccgagacctc acgggctatg 180  
cggattatag ggcaccgtgg cacttgcata cagcttgttt atccgctcaa tggctgtaaa 240  
caaagcgcca gaccattcgc tgccggcatg aggagtatca catgggacga tgtcgcttat 300  
gaatgatgag gtgctgtaat cgatgcgacg gcggagtacg tgcgataact catgagatct 360  
ccagttttgg tacttgacat gtgcactact actatggtac 400

<210> 3486  
<211> 352  
<212> DNA  
<213> Aspergillus nidulans

<400> 3486  
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ctacagacgt ccctaattctc aatctgtcgt gacaccatgc gggccagaaa cttacctatc 180  
cccatatgat caagactttg cacggagtgc gggcccccta caactcgatg ccatgtatac 240  
ggcagacagt taagcgaaac cggaccgtcc cactgagcca agcgcattat gatttccgca 300  
ctaatgataa caccctgcg gaaagccaca cacactgctt gtagcggaac ta 352

<210> 3487  
<211> 559  
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 3487

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agcagcggcc catggactgg acgggctggc agaggctctc cctcatagg gagtgacggt 180  
ggctctactg agggataggg tactgctgtc taattggtag catgccctac aaatagatgc 240  
caatattaat agcctgcaca cggctaagca ggaagacaaa cagcaccttc gtccactgca 300  
cctgtaaata cagteccagg cactctccga gtgtgccaac accttttagga cgggcgatac 360  
cactgctact cgactcttgt cagtggagta gccccgact ggggacaggg gcgcaaagag 420  
agacttttag cggagcagtc cccactccta cgctaggcca tctggcatga acgccacatt 480  
agaacttgng tectgcgcaa cttgtcggag agactagaat gggctataca ctccgcgagg 540  
gtaagctctc gtatacata 559

<210> 3488

<211> 742

<212> DNA

<213> Aspergillus nidulans

<400> 3488

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aggcatcaga gcgctcaacg cttactgaga aggggaaagc gagacgacgg gtagcatggg 180  
ctgacagcgc gcagttcttt ggatggaaat atagcgcagc gctcaaggct aaccagaaag 240  
agtaaataat cgcgacatgt cagcagctta taaaaagtc aagatgacag gtgctagtgg 300  
cgaagtctag ggtgctcgga gatagtccg gtgccgcagt gcggtcgatt accttagtat 360  
tactccagac taaatctata tcgcaaagga agccggcttg gccgctcacg ctaaaccaga 420  
tatggttagt cttgcgctgg agtatgtctg cccaaggaat caatggttga gaaacgacaa 480  
cggttggttc gcagctgtat taggcttctg cgaaacatgc ttgttgattg cttgggcac 540  
acgcttgctc gagtctcatc ttactggttt agattgtctg caggcgcaat cgctttgaag 600  
ttgctaggaa ctggttgatc tacgtaggct cggatatcac gatggcgcac aaactcaata 660



gcgagctttg tattgcttag aggaatgcac ggtaggtaac tgatgctata tgaggcaagt 720  
 agggatggta ttggtggaac ac 742

<210> 3489  
 <211> 921  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 3489

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 gtacgtcaat cgtgggatgg ggccaacgga aaatatataa cagtgttatg tggaacgcta 180  
 agaaagcgac cgcaactga aaggggacac acggttcaag aaggttgacc tacaaggaaa 240  
 catcttggac agtacggcga ttttctatac tggaaatcca ccgttgaagt gagagccgac 300  
 ctgatcctcg acatgtctga cttaactcac actacacagg agaaagccgg gatacgcacg 360  
 atagccggtt acaaacatcg tgtgcagcac agagaagtgt accgtggaca tgggtcaaaag 420  
 ttgatgtaga tgcctaccga cgcacagggt tcaactaacga tccaaaagag cagggttttgg 480  
 tgttatacca ggcctcacct gatggagagc gactaagatc caaagtccac acgagagcca 540  
 tcttagagtc ttatgtccgg ctgcagggtt gaaacgagag ccttagccta cgatgggttct 600  
 tttgtcgccc gagttactaa gaaaacaagc aatcaaatgt gagtggggat gctttcctga 660  
 tctataagga tctgcaagtg tcggttaaatt tgtttaaggc acttgaaaaa atgtcgaatc 720  
 catatatatt actcagccag gggcaatatt ttactttccc ttatataaag gctttttcca 780  
 attttattgt ccaacctttg ttacattcg actaaaatta tgaatttctc tgaattctta 840  
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 ttcgtccttc ttcttttttc c 921

<210> 3490  
 <211> 1497  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 3490

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acatgtctaa atataggctg ccagctaacg attcgaagtc acgcgagtat gcgacgcctg 120  
 agaactcgag aagacaggca cgaactcagg cagctagggg ataatatcac ggaccatcgc 180  
 gtggttctcc agacgaagggt gctaaccatt agacgactga agaaggacta tcaaaggtag 240  
 tgttcaatac gctgcaagga ctacgcacg tgcaagtgtg ggcagataat ccaagaattt 300  
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 gttcagtcgtg tccagaactt agtaagacaa gctctctgta gtccggagga tactaaccac 420  
 tgtgtcagct gtctgatcta ctgggatacg aggagctgcg aacgctgaga gagctcatgg 480  
 tacgttggtta ctgctccttt ccctgttata cttttcttta tatgttcttc ttcttggaat 540  
 ttgtcttggt ttttttttat cattattgct ggggaaagtc taccctaaca ggctattgta 600  
 aaacaggcac acacagtcca gggatccacg gccatggagc aagtggcagt catcgggctg 660  
 gtcttcatac cgtctcgctg gtggaggtag gcccttctat gcctgtccgg gaactatcgc 720  
 taatcagatc cagaattttt tttctaccga attcgtcaaa aatgatagtg atggctctaa 780  
 ggtgtccggg caagtgtgga ttatggcggc tgtggctgtg ccaatgactg tatgtgtgct 840  
 tgtattttgg cggctttggc tgcggtatga gttctttcgc ctccgacctc tcaggcttgc 900  
 caggcggtgc ctgaaggccc tcgtcaaggc caaagatcg aaggatgaag acccggggat 960  
 gaaggctctga tgcattttct ccattgttgt gggggagagt agccctttat ccattgtgctt 1020  
 tgcccaattt ggcttgataa tcttttttgt cggctctctt tttagtcctt ttgcttaatc 1080  
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 ttcctttttt tctcctcttt actcatagct acctctctta tttttctttc ctctttctct 1260  
 tgctttattt ttgccttttc cccctctatt ttatcttgct tcttcttatt tatcttttta 1320  
 ctttccatcg aattttcttc ctttccatct atctcttact taccctatct tttcctttat 1380  
 caetctttgt ttttattatg tctccttca ctacattctc tttctttcat gtctccctct 1440  
 tcattttttt ttatatcacc tttttcttta ccttctttct ttctatttcc catattt 1497

<210> 3491  
 <211> 341  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 3491

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aaaagagacg ggggaggccg gacaccacaca agaggacaca gggaggagca cgcagaaggc 120

caagaaccga gaacgacaca agaggagcaa cagggaaaac gccgccgaag agcaacaaga 180

cacgggaaaag gacaccacga agggacaggc acaacaaaga gcagagccac cccacccgcg 240

acagaccac acgagcggac acaaaaaaga cgcacgacaa gcacgagcca cagggaaaaag 300

agcgcgcagg acccccggac gacgcacaag acagaccacc c 341

<210> 3492

<211> 453

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 3492

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tgtaccttgg aatggagact ttccagacac gccgcgggat ttccgcatgc gcgtattcgc 180

tgagttgccg aagcctaagc tggctctgat tatgcacgac cttgttatat gatattccag 240

ccggtatcta tgaacgatga acaacagaca ctgagtcaac gtaaagattt atcctagggtg 300

gatacacgca tagtatccat gcattggcct gcatgcggcc agcagcttaa ccctcgagtc 360

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tcgggtccat gcacaactca gaggaccgct cat 453

<210> 3493

<211> 1146

<212> DNA

<213> *Aspergillus nidulans*

<400> 3493

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gcgctgagca ggagagatat tgccgaacca gcgtacagga tctcactgag aacttcgtcg 180

taacctcatc catgcggata ccgtagcaga gtgtcagtgt cgtggtgagc gcgtaccgct 240  
 gcaaataccg tctcacactg acctcagcct caccatcttt gctggcgaga tatagatccg 300  
 gaaaatgcag catctcttca gatcgaacat aggggtgggtt ggtgttacgc agcgcatggt 360  
 atagccagtg ctagtccccg cgggctcgcg catatttcct gcatgggctc gttcccccg 420  
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 ctctcggtg ggtgttcccg cacaccacca cgctgttctg tccggctctc atctctatt 600  
 cattatcgtc taacctgtcc ctctgtatc ttgagccctg tccccatttt cctctcttcg 660  
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 cggcttggcc tattctcatc tctctgttca tcataaccct gctctgttc cttatcctaa 780  
 gtcgaaactc actcactctt cttcatgaat cttctcccaa ttctcttacc caatccctta 840  
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 cctctaccc ctaaccctat ctctttatac tccctctac tccttcttc ccctacatt 960  
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 aatctccacc tccttaccba atatcatctc tcctctaccc cagcccaaat ctcttctcc 1080  
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<210> 3494  
 <211> 620  
 <212> DNA  
 <213> Aspergillus nidulans

<400> 3494

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 gacgacgtag agcagaggta ccgcgaaagc aactgcagtc aagaattgca ggggatgttc 180  
 gacggctctg ttgttgacaa acaacaacgc ttggcgatg gccatactag cgcaagtagc 240  
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ttagatgact tcggcaacct gcaattggag aggaactttt cegtctcaca gagcgctata 420  
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 caagctttgc agatgcgagg atgttgattc gctactgaga gctctcgtgt tgagagcaac 540  
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 ctggtgtggc gcccgatgc 620

<210> 3495  
 <211> 1354  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3495

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 aataaggata aatatattta gatagaacaa aagagaggaa gggaataaaa taagtataag 240  
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 aagtgtaatg atatagtaaa ggaagatagg taaggagaa agagagggtg ggatgaagaa 360  
 acagataaaa gaggtgaaga aaaaggaagg taaagagcgg ttataataaa tagagtaaag 420  
 agaatgcaa agaaaggaag ataagaagag gatagataag gagagaaagt atgataagat 480  
 ggataaaaaa agatgagttg atgaagaata gtagaaaatg tgtgaaaagt gatgagaagt 540  
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 gcaagagaga gaaagtagag aaagatagt taataaaaaa ggaagtataa aagataatat 660  
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 cccagtaccc gtgacatcag cctgacatgt attctctgct gcgtatcgta cctgtccgta 780  
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<210> 3496  
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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3496

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 atgctaacc cttcgtcgag tacataactt ccatgggtgg ctcttctggg cggcgcgcta 180  
 acactatcga cgcagtctcc atcctgctag gttaccacaa gaaatagata tactcggtcg 240  
 cgtgacctga ccgcatacgt ggctacgagg ccctccacc gcttgacat catggaggct 300  
 ccgtagcaga cggagacggt agagctagcg cgcaaccaca ggcttgtcac ggaacgagga 360  
 caccttactc tcatgcttag gatgatgacg actgacatga acacgatatc gacctgcacc 420  
 aagccatagg ctgtaaaaat agctattgca gaggggcac tgtcaacaag actaatattg 480  
 gccacaaca atgcacaaag atggcgcac accagactac gtcgatctgc atcacgcaac 540  
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<210> 3497  
 <211> 671  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3497

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 ggatgggccc ccgctatgca cagctccgac acgtcctgac aactagctca ccgaagaagg 180

ccccggtgg ctggcccaag cgcctaata taatatctct agaagagagc gtgaccaca 240  
 cgggcagcca tgcaggataa ctgactccag tgacctctcg ccgcgaaaat cgggtctcag 300  
 cgaactgcat caaaggagga cgcggatgct agccaggaaa cgcacgcat tttcctcctt 360  
 gccacatgta atgtaagcct tgatcaaagc ggcataaacc tggccatcca gacgctgaat 420  
 aatgcagaat gttccattgt catcggacac cgcgagtgc ctatactcat tatagcactc 480  
 aacagcactc gtcaactcgc cggcggaagc aaaggcgtca atcattgagg ggaagatgga 540  
 ggcgtgaggg gtcactttgt gagactccat gtgtgcatac acgcgaacca tcgctcaac 600  
 cttaccctca gtggcgcagg cactaatcaa atggcggtac gtatcgatcc ctatagtga 660  
 tcgtattatc g 671

<210> 3498  
 <211> 584  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3498  
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 actggggaat gtatcacctt ttgtttacaa catgcgcata cgctgggtgag aactacagga 180  
 gggatactgt gggctcggt tatgtgccgc taaccatctt tgatagatcc gggattggta 240  
 ctgcgttcta tccatcccat gactgcatat ttttagttg gacgagtcag aattcagaac 300  
 caccctctac tcctatcccc caagcgcccc tgtcttcgtc cataccatgc tggctgcttc 360  
 gtgctgcaag ctttttctgg atcggttggg cttaccacc agacgtacac tggatcgaac 420  
 ctacgatggg agtaacctcc tttcgagtcg ggactcacia caccttgctg gttgatatga 480  
 ctcattatac aggagcacac gagggatgct tagggctcgc gccgtgtccc ttagttgaag 540  
 acgaaaaatc tttggtgcaa tactagacct ggcttgggca cagc 584

<210> 3499  
 <211> 524  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3499

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 ttaccaagtt gctgaagcat tggaaccgaa ccatactatc atggaagagg acaatgatgt 180  
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 tctattatgg acaccggggt atttctgact cagccggatc gctgacctca aggctggtag 300  
 ggcacttgta acccgtgtcc tggcatacga tatacccttg tgacatggcg agaagaccac 360  
 aatctggctg actatgttga acctcgcgta ctggatggcc cattacatgc caggacaggg 420  
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<210> 3500  
 <211> 413  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 3500

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 gcagaaccgt gtgatgcggc ggaagagccc caatactcat aatgaggggtg cgtttgcggt 120  
 tgctgtaaac catctcgcgg cacagcttgt acccctacga tgcccaccat ggatctcaca 180  
 gcaactgccc acacactgac atgcgcaaac gactacataa tgctccatgc actgcatata 240  
 taactcatgc gccaaagatgt cgaaacctat gcgatccgag gagctatctg atgctccagg 300  
 ccggatacct atggctttcg ccttctgtgt ctgacttact accccaattt cttgaggtcg 360  
 acaaatgccg aaccgacca atacgatcta gtcactgtat gcctctgac agg 413

<210> 3501  
 <211> 604  
 <212> DNA  
 <213> *Aspergillus nidulans*  
 <400> 3501

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 ttgctcctct cttctatata gctaccgagg acagtagacg ctcagcgcaa agtcaagctc 180



actcttcttc tataagattc tttaagacat gatggcaacc atattaggga gattacgtga 240  
gagattctct caattcggtt ctgacttcta tggccatggc gacaatatgc caggtacgca 300  
aaaccaagga gaaggggaat aacatacttc tcgacaatca tgggggtggcc cttctaaagg 360  
gtcgcaatca cagccacctc cataagacgt cgttgatgag caacttgatt tcttagttga 420  
gccgcacgc tggattcacc cttatttttc gtcgcttata gagctagagc agtctgttta 480  
cacgaatccc tatgggttatt cacaacgtct ttgaatgcaa ctaatgcagt cttaaccttg 540  
cgaccgttgg ccgtctatta cgcggagacc acacagcctg taggacatcg tactgtgccg 600  
cagc 604

<210> 3502  
<211> 578  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 3502  
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gcctatccct gtactgtgcc gctgggtctg cctactactg tgacatactg tgcacctgac 180  
ccaaccatat gccaaggaca ctgatacctg aactatgtca ggaagttcag cccgaccctt 240  
gatcgtgagc aacctattct gtgcaccaag gacgcttctc tgatcgagaa gccaacattg 300  
gccccacgcg aacctattga ccgcacacta ttagatctag tgtgcatagt gcggcgcaact 360  
tccgtgacta gtcccgatac tctcatgctg ggaatgtata gcccataatg tctggacacc 420  
gattacactc tctcttacag gagctgaaga cgccaagcct tagaggttgg tcgtcatata 480  
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atgctggggc gaacggtgat ctgttaccgt agaaaacc 578

<210> 3503  
<211> 518  
<212> DNA  
<213> *Aspergillus nidulans*

<400> 3503  
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 gcgggatcag actacccatc ttcctcgatt gcgcgaccat cgggacgaaa gcagacctca 240  
 gcggggcgcc gtcgccggga gaagcgggga acaagcgcc acaatgttat gaccaacggc 300  
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 tgctcaggca cacacactga ggccggcaac ccagagaact gatgggcata gattgtaccg 420  
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<210> 3504  
 <211> 669  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3504  
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 cgagtgaact ggatgacaaa gatcttcgtg acgggagatg ttctatctct acgggttctt 180  
 atgtgtgggtt tattctttat ctttttctt ctgaactttg tttggttctg tgttttgctt 240  
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 attttctttt cttttttttc attatttctt ttctttcttc ttattcttct ttatttccct 600  
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 ttctttttt 669

<210> 3505  
 <211> 502  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3505

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cgcgaaacccc cagcaaggag ccggcgacaa caccgaaaaa accaccgagc agccacacag 180  
cgcacacccc aggagccgcc caccaaagga cgaccacggg ggagggggcaa ccgcaacccc 240  
cccaagaagc gcacaccgac acacccaaac ccaccgaccc aggcgcaaga aaccgcaaag 300  
ggaacacaag ggccggagca cccaacgacg cgccgacaga gaccccaacg aaaacacaaa 360  
aagaacacca cggcgggggg cccccgaggg gcaggaaccc caacacacac acagcccaaa 420  
agcgacaacc ccaaacccca cccaaggggg acccaggggc agaacaaggc caccagacag 480  
ccaagaggca acccccaacc gg 502

<210> 3506

<211> 475

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 3506

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tatgccagca tgagaatgtg ctcttgatcc tagcacacga gtggattaag ccttccagaa 180  
ataccttttt ctactaataa ctgttccgaa tccttttgaa tgaaacgtcg gaccggcttc 240  
aaacattatc aaaggatata cccaaggttg attagggccc tgcgggggac cgttacatat 300  
gctacctact ctttgactgc gccgttcagc ttgacgagta tgctactcgg ctgatcacac 360  
caagataatc cactgacgtg gggagtggga tacacggact gacatgatgt taaaagagc 420  
gcaggctcat acgatatctt gactggccac taanacgcac tctttttatg accct 475

<210> 3507

<211> 512

<212> DNA

<213> *Aspergillus nidulans*

<400> 3507

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ccagaaaggc gcttggatct attcagggtgc tctaggggttc ttcattctccg actataggct 120  
 caccatcag gaaagcatgg ctaacagcta gtttcttata acatgaaggc tggctactcg 180  
 aaataccgta gcacagtttg ggcgtgtcgg aagtgagaca cgtgttgaat gtctcaagaa 240  
 agggcagtct ttttaaggttc tagtattttg tgaacacctg agtcttctga atgaaagtta 300  
 ggaacaccaa agccataaac cctttttcaa ctctataat tccttatagt tgttgacaag 360  
 gtggtgtgtt gtatatgaat aatcatactc ggccctctgt cgaatgacat caggggtgaa 420  
 tcaactcgcca ccaagtccga gatcaaacaa ttataaactg gcagggagta ataggtgcat 480  
 ttaacccac ctcaatttag gtttaatat ta 512

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 <211> 478  
 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
 <400> 3508

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 gccgactgaa gcttcgcctg gctcttatag ctctcaggcg aacattaggt ggcttttcat 180  
 gcacgttacg cggatcacac ccgactgtgc gcggccctgt gactcgggaa tggatgcact 240  
 aataacccaa tgacgtttga tgtcttgccg cgagtcctga agccacaaga agtctggagt 300  
 gatccattgg aggcaggacg accatgaatg tagaaacagt tctgctgtat aatgccaca 360  
 ggagctcgtg aaacgcggac aactatztat gtccatcaac tctcagaaga cacacctgct 420  
 gagcggaggg ccagtcatac tngatgattc gtgagaggct gagcagggga ctgcctg 478

<210> 3509  
 <211> 510  
 <212> DNA  
 <213> Aspergillus nidulans  
 <400> 3509

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cgcaaggcat ccaaggacca ctgttgtgct gateccggggg atcatctggc actgcagatg 180  
gccacaagg ttagggagtg aaccccgagt gaccagggg ataaagaatg gccttgacac 240  
tcgtgggaag atggctagag cgacagaaga acccagaggc tctgcgacca ggccagaaaa 300  
gctggactat gctatccacc aggacgtgac cccacccgc tgagtccgtc agtgggacca 360  
tactgaacac catggtgcat gtgtataaac aatcaacatg agctcggagg gatcaatcac 420  
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ggagcaacc gccctcaaaa catgccgttc 510

<210> 3510  
<211> 466  
<212> DNA  
<213> Aspergillus nidulans  
<400> 3510

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attgcgcgaa ggacggcgaa tatcaacacc tctacgtga atatatacgg ctctattact 180  
atcgacacgg tcaagagagc acacaactac atcgtcagt agctgcggaa tcatgctata 240  
cagttcacga cgccacacct gatggagcct gagagtgcac agctgtatcg aactggagcg 300  
gatacaacga gcaaggggac ctattgtggc cttcgtcttg atctctcgac catggattag 360  
atcaagtatg tgacttagac ggtagatcag ctaacttaaa cgtacctaca tacatgtaga 420  
ctgcaaggat gactggatac caaacaccgc tggatgcctt tctagg 466

<210> 3511  
<211> 434  
<212> DNA  
<213> Aspergillus nidulans  
<400> 3511

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aagcaggaat acctttgaag cgtgctacca agaacggggc tcgcgtcctt atgtgcctcc 180  
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ctcgtggcaa cacttacgtc atgtccgctg gatattatgc tgcccgcgtc gtcccgcacac 300  
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 ggagcaattc gaccttcag tttcacactg gaactacact ttaaatacaa caaatcagac 420  
 cgtacttggg tagc 434

<210> 3512  
 <211> 638  
 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3512  
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 acggataatc cagagtcac cagagtcataa gagcttctgg acggggaacg aggacgattt 180  
 gccggaagca actccgagtc ctcgcgatct tcagagctcc tcataatatt tctttgaatg 240  
 cgcgactcg acgagtggat taaactttta aagagagttg tgaatctgac cgatctgaca 300  
 tcaatgaacg acgtaggtca agggaggggtg ctcgtaggtc ggggacgggtg ttcgacgagg 360  
 gaaagcaagg ggtagaagcg caaaacacgc cctacaggac attagtgtaa ggaaagaaga 420  
 ttcagaccaa tagatccatc tcaggcgaga atctggaatg tagaagttag aacgacgcga 480  
 cgatgatgga gccagcgatg cggaacact aggcggagga ccgagactcg gcgagacgat 540  
 agcacaggca cactgttgc atcgatcctt attgggatga cacctctact ggtatggata 600  
 tacaatgtca ggtctattat tcccgggtac tatactta 638

<210> 3513  
 <211> 522  
 <212> DNA  
 <213> *Aspergillus nidulans*

<223> unsure at all n locations  
 <400> 3513

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<213> *Aspergillus nidulans*

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<212> DNA  
 <213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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 <223> unsure at all n locations  
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<223> unsure at all n locations  
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<213> *Aspergillus nidulans*

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<211> 502

<212> DNA

<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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 <212> DNA  
 <213> *Aspergillus nidulans*

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 <212> DNA  
 <213> Aspergillus nidulans  
 <223> unsure at all n locations  
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 <213> Aspergillus nidulans  
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<213> *Aspergillus nidulans*

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<400> 3533

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<400> 3535

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<400> 3536

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 <213> *Aspergillus nidulans*

<400> 3537

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<400> 3538

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 <213> *Aspergillus nidulans*

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<213> Aspergillus nidulans  
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<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<400> 3557

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 <213> *Aspergillus nidulans*

<400> 3673

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3674

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<213> *Aspergillus nidulans*

<400> 3675

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<211> 3138  
<212> DNA  
<213> Aspergillus nidulans

<400> 3676

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 <213> *Aspergillus nidulans*

<400> 3677

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 <212> DNA  
 <213> *Aspergillus nidulans*  
 <223> unsure at all n locations  
 <400> 3678

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<400> 3726

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<400> 3808

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<212> DNA  
<213> *Aspergillus nidulans*

<400> 3822

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<213> Aspergillus nidulans

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<400> 3825

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<400> 3917

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 <213> *Aspergillus nidulans*

<400> 3940

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 <213> *Aspergillus nidulans*

<400> 3941

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 <213> *Aspergillus nidulans*

<400> 3942

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 <212> DNA  
 <213> *Aspergillus nidulans*

<400> 3943

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<213> Aspergillus nidulans

<400> 3944

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<400> 3980

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<213> *Aspergillus nidulans*

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